

37" LCD HDTV

With Built-in DVD Player

DTV-373-D

OWNER'S MANUAL

HDTV

HIGH-DEFINITION TELEVISION



HDMI

DVD
VIDEO

SD

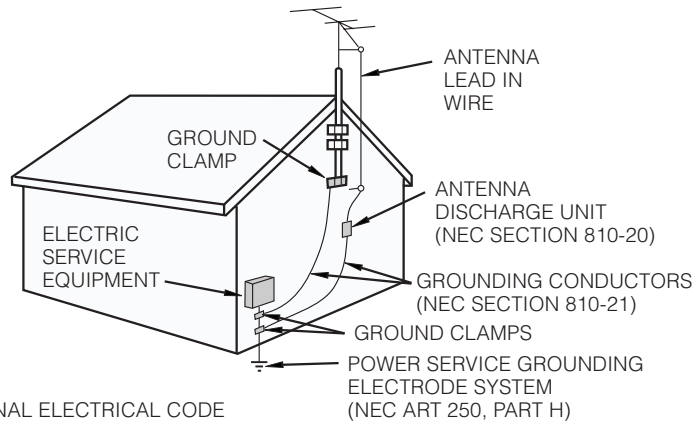
MEMORY STICK

MultiMediaCard

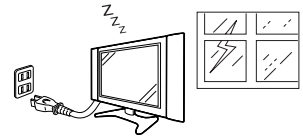
IMPORTANT SAFETY PRECAUTIONS

- If an outside antenna is connected to the television equipment, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE



- For added protection for this television equipment during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna. This will prevent damage to the equipment due to lightning and power-line surges.



- An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

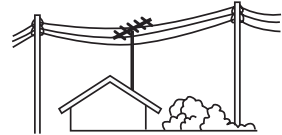


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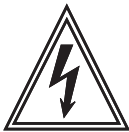
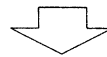
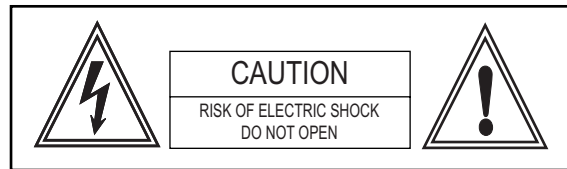
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IMPORTANT INFORMATION

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within a triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying the product.

FCC RF INTERFERENCE STATEMENT

NOTE: This equipment has been tested and found to comply with the limit for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does not cause harmful interference to radio or television reception which can be determined by turning the equipment off and on, the user is encourage to try to correct the interference by one or more of the following measure.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Correct the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio, TV technical for help.
- Only shielded interface cable should be used.

IMPORTANT SAFETY PRECAUTIONS

The present set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in the present unit will protect you if you observe the following procedures in installing, using and servicing. The present unit is fully transistorized and does not contain any element that can be repaired by the user.

1. Read these instructions - All operating instructions must be read and understood before the product is operated.
2. Keep these instructions - These safety and operating instructions must be kept in a safe place for future reference.
3. Heed all warnings - All warnings on the product and in the instructions must be observed closely.
4. Follow instructions - All operating instructions must be followed.
5. Attachment - Do not use attachments not recommended by the manufacturer. Use of inadequate attachments can result in accidents.
6. Power source - This product must operate on a power source specified on the model label. If you are not sure of the type of power supply used in your home, consult your dealer or local power company.
7. AC cord protection - The AC cords must be routed properly to prevent people from stepping on them or objects from resting on them. Check the cords at the plugs and product.
8. Overloading - Do not overload AC outlets or extension cords. Overloading can cause fire or electric shock.
9. Entering of objects and liquids - Never insert an object into the product through vents or openings. High voltage flows in the product, and inserting an object can cause electric shock and/or short internal parts. For the same reason, do not spill water or liquid on the product.
10. Servicing - Do not attempt to service the product yourself. Removing covers can expose you to high voltage and other dangerous conditions. Request a qualified service person to perform servicing.
11. Repair - If any of the following conditions occurs, unplug the AC cord from the AC outlet, and request a qualified service person to perform repairs.
 - a) When the AC cord or plug is damaged.
 - b) When a liquid was spilled on the product or when objects have fallen into the product.
 - c) When the product has been exposed to rain or water.
 - d) When the product does not operate properly as described in the operating instructions. Do not touch the controls other than those described in the operating instructions. Improper adjustment of controls not described in the instructions can cause damage, which often requires extensive adjustment work by a qualified technician.
 - e) When the product has been dropped or damaged.

IMPORTANT SAFETY PRECAUTIONS

- f) When the product displays an abnormal condition. Any noticeable abnormality in the product indicates that the product needs servicing.
12. Replacement parts - In case the product needs replacement parts, make sure that the service person uses replacement parts specified by the manufacturer, or those with the same characteristics and performance as the original parts. Use of unauthorized parts can result in fire, electric shock and/or other danger.
 13. Safety checks - Upon completion of service or repair work, request the service technician to perform safety checks to ensure that the product is in proper operating condition.
 14. Wall or ceiling mounting - When mounting the product on a wall or ceiling, be sure to install the product according to the method recommended by the manufacturer.
 15. Unplug the AC cord from the AC outlet before installing the speakers.
 16. Cleaning - Unplug the AC cord from the AC outlet before cleaning the product. Use only with a dry cloth to clean this apparatus. Do not use liquid or aerosol cleaners.
 17. Water and moisture - Do not use this product near water such as bathtub, washbasin, kitchen sink and laundry tub, swimming pool and in a wet basement. TV set shall not be exposed to dripping or slashing and no objects filled with liquid, such as vases, shall be placed on the TV set.
 18. Stand - Do not place the product on an unstable cart, stand, tripod or table. Unstable installation is likely to make the product fall resulting in serious injuries as well as material damage. Use only the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus.
 19. When a cart is used, use caution when moving the cart/apparatus combination to void injury from tip-over.
 20. Ventilation - The vents and other openings in the cabinet are designed for ventilation. Do not cover or block them since insufficient ventilation can overheat and/or shorten the product's life span. Do not place the product on the bed, sofa, rug or other similar surfaces since they can block ventilation openings. This product is not designed for built-in installation; do not place the product in an enclosed place such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions are followed.
 21. The LCD panel used in this product is made of glass. Therefore, it can be broken when the product is dropped or gets shock. Be careful not to be injured by glass pieces in case the panel is broken.
 22. Heat sources - Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
 23. The LCD panel is a product of very high technology with 2,949,120 thin film transistors, giving you fine picture details. Occasionally, a few non-active pixels may appear on the screen as a fixed blue, green or red point. Please note that this does not affect your product's performance.

SUPPLIED ACCESSORIES

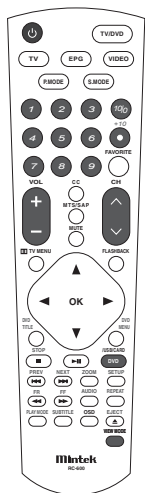
Make sure the following accessories are provided with the product.



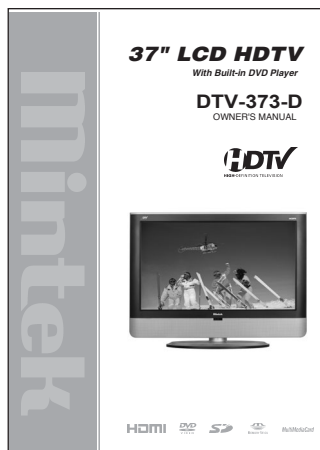
AV cables



Component Video Cable or Y/Pb/Pr cable



Remote control



User guide

It also include:

- ① batteries (2)
- ② Warranty card

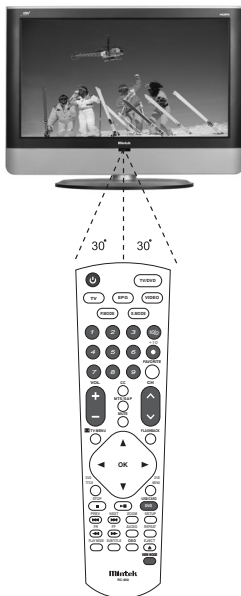
PREPARATION

INSERTING BATTERIES INTO THE REMOTE CONTROL

Insert supplied batteries via the battery compartment on the back of the remote control. Make sure polarity matches the (+) and (-) marks inside the compartment.



USING THE REMOTE CONTROL UNIT



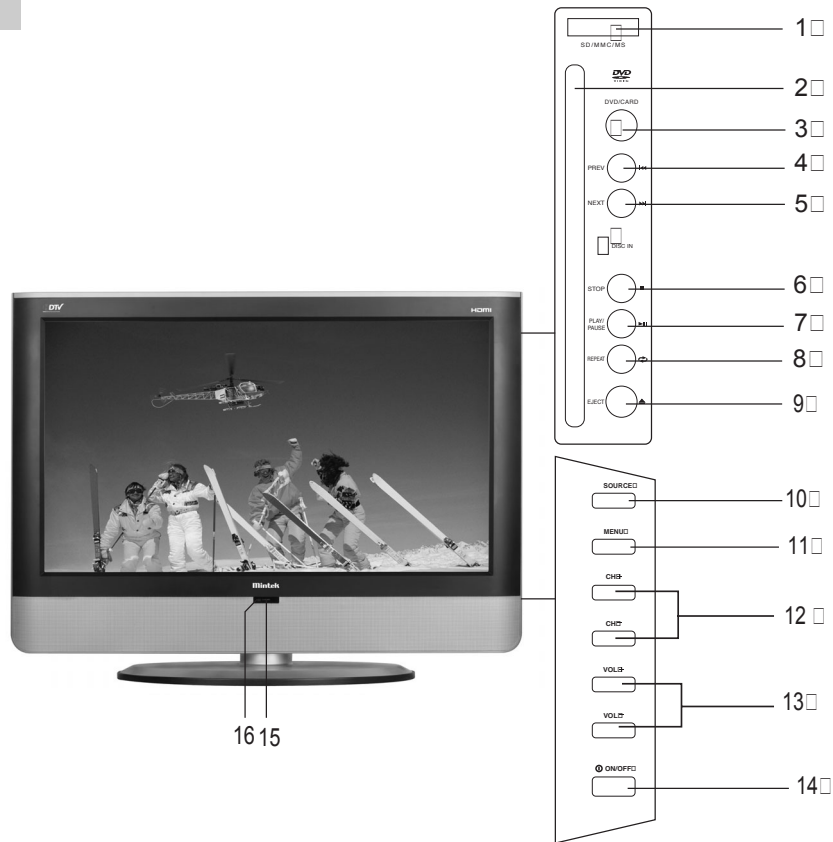
- Use the remote control by pointing it towards the remote sensor on the TV. Objects between the remote control and the sensor may disrupt operation.
- Effective range is 20 feet but is dependant on what your viewing angle is.
- Range can also be affected by direct sunlight on the TV's sensor.

CAUTIONS REGARDING REMOTE CONTROL UNIT

- Do not expose remote to liquids, direct sunlight or shock.
- The remote control unit may not work properly if the remote sensor window of the Display is under direct sunlight or strong lighting. In such case, change the angle of the lighting or Display, or operate the remote control unit closer to the remote sensor window.

DISPLAY

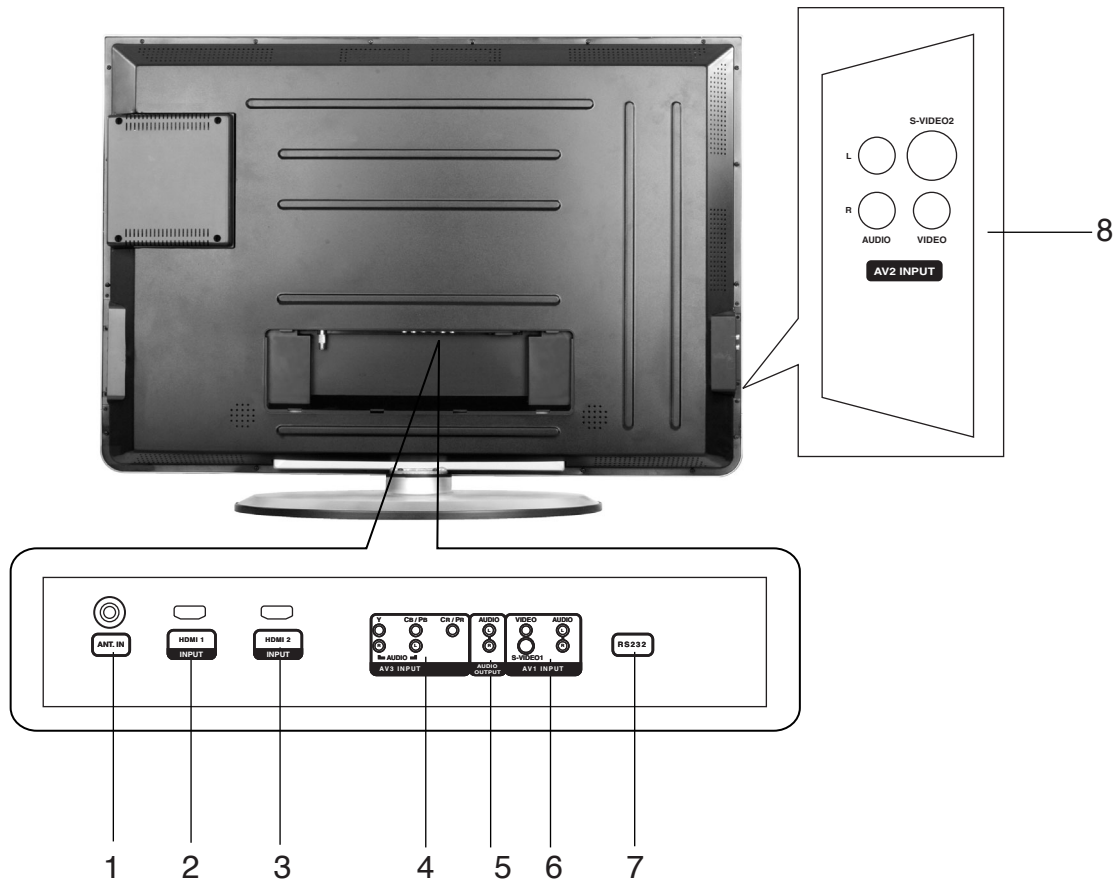
FRONT VIEW



- 1) MULTI MEDIA CARD/SD/MEMORY STICK CARD SLOT
- 2) DISC SLOT: Insert a DVD or CD disc to play under DVD status. In other status, insert a disc to change to DVD status.
- 3) DVD/CARD: In DVD mode, use to shift between DVD and CARD. In other mode, press to change to DVD mode directly.
- 4) PREV: Use to skip to the previous chapter.
- 5) NEXT: Use to skip to the next chapter.
- 6) STOP: Use to stop the DVD playback.
- 7) PLAY/PAUSE BUTTON: Use to begin or pause the DVD playback. Only 12cm discs can be inserted.
- 8) REPEAT: Use to repeat the DVD playback.
- 9) EJECT BUTTON: Use to eject the disc being played in the disc slot.
- 10) SOURCE: Use to select the AV signal source among: Digital TV, Analog TV, Composite 1, Composite 2, S-Video1, S-Video2, Component, DVD/CARD, HDMI1 and HDMI2.
- 11) MENU: Use to bring up the TV menu.
- 12) CH+/-: Use to skip to the next/previous channel.
- 13) VOL +/-: Use to adjust the volume.
- 14) POWER: Use to turn the unit on and off.
- 15) STANDBY/Power On Indicator
- 16) Remote Sensor

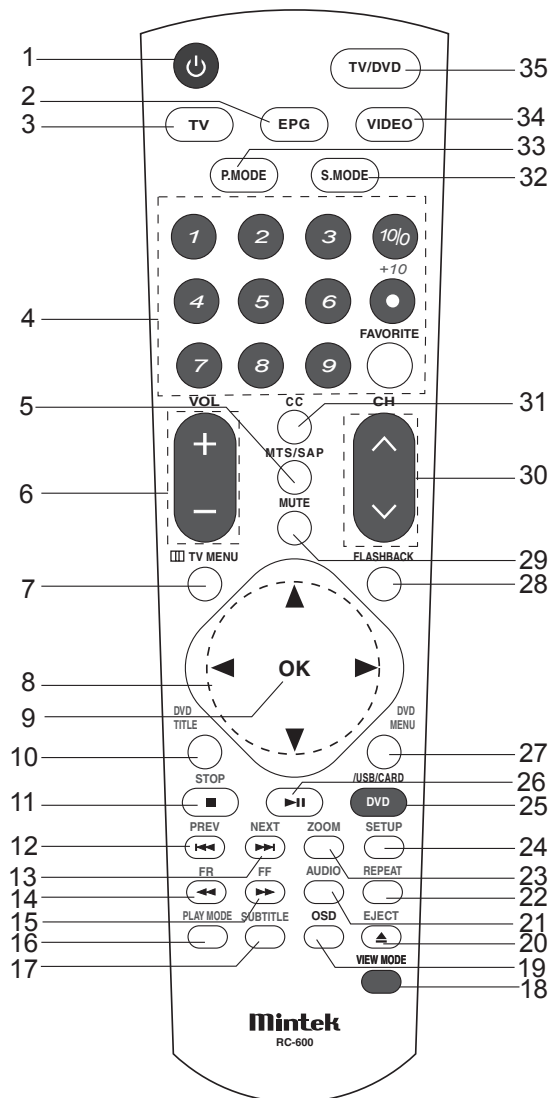
DISPLAY

REAR VIEW



- 1) Antenna Input
- 2) HDMI 1 Input
- 3) HDMI 2 Input
- 4) Component Video (Y, PB/CB, PR/CR) and Audio Input
- 5) Audio Output
- 6) INPUT1(Composite Video, S-Video and Audio Input)
- 7) RS-232 Terminal
- 8) INPUT2 (Composite Video, S-Video and Audio Input)

REMOTE CONTROL



1) **POWER:** Use to turn the unit on and off.

2) **EPG:** Use to bring up the EPG menu.

3) **TV:** Press to change to TV mode directly.

4) **Number Buttons:** Use to set the channel numbers.

Dot Button: In Digital TV mode, there can be several TV programs in a channel, use the number buttons and the dot button to enter. Example: press the number button 5, the dot button, and then the number button 2 to enter the TV program 5-2.

FAVORITE: Use to select between "Favorite Mode On" and "Favorite Mode Off".

Favorite Mode On: press **CH \wedge / V** to select your favorite channel in favorite channel list.

Favorite Mode Off: press **CH \wedge / V** to select the all channel searched.

Note: Only in TV mode, Favorite button is available.

5) **MTS/SAP:** Use to select the MTS/SAP stereo mode.

6) **VOL +/-:** Use to adjust the volume.

7) **TV MENU:** Use to bring up the TV menu.

REMOTE CONTROL

8) **Cursor Buttons** (▲ , ▼ , ◀ , ▶): Use to select a desired item on the setting screen. And move the picture on the screen.

9) **OK**: Use to confirm your selections.

10) **DVD TITLE**: Use to bring up the DVD title menu.

11) **STOP**: Use to stop the DVD playback.

12) ◀◀ : Press to skip to the previous chapter or track.

13) ▶▶ : Press to skip to the next chapter or track.

14) ◀◀ : Press to play in fast backward.

15) ▶▶ : Press to play in fast forward.

16) **PLAY MODE**: Use to shift DVD play mode.

17) **SUBTITLE**: Use to shift DVD subtitle language.

18) **VIEW MODE**: Use to select a viewing mode.

19) **OSD**: Use to bring up the DVD on screen display.

20) **EJECT BUTTON**: Use to eject the disc being played in the disc slot.

21) **AUDIO**: Use to shift DVD audio language.

22) **REPEAT**: Use to repeat the DVD playback.

23) **ZOOM**: Use to zoom the DVD playback picture.

24) **SETUP**: Use to bring up the DVD setup menu.

25) **DVD/USB/CARD**: In DVD mode, use to shift between DVD and CARD. In other mode, press to change to DVD mode directly.

26) ▶ / II : Use to begin/pause the DVD playback.

27) **DVD MENU**: Use to bring up the DVD root menu.

28) **FLASH BACK**: Use to return to the previous channel.

29) **MUTE**: Use to mute the sound.

30) CH ▲ / ▼ : Use to skip to the next/previous channel.

31) **CC**: This is used to select closed caption.

32) **S.MODE**: Use to select a sound mode among: Normal, News, Music, Dance, Rock and User.

33) **P.MODE**: Use to select a picture mode among: Standard, Movie, Sport and User.

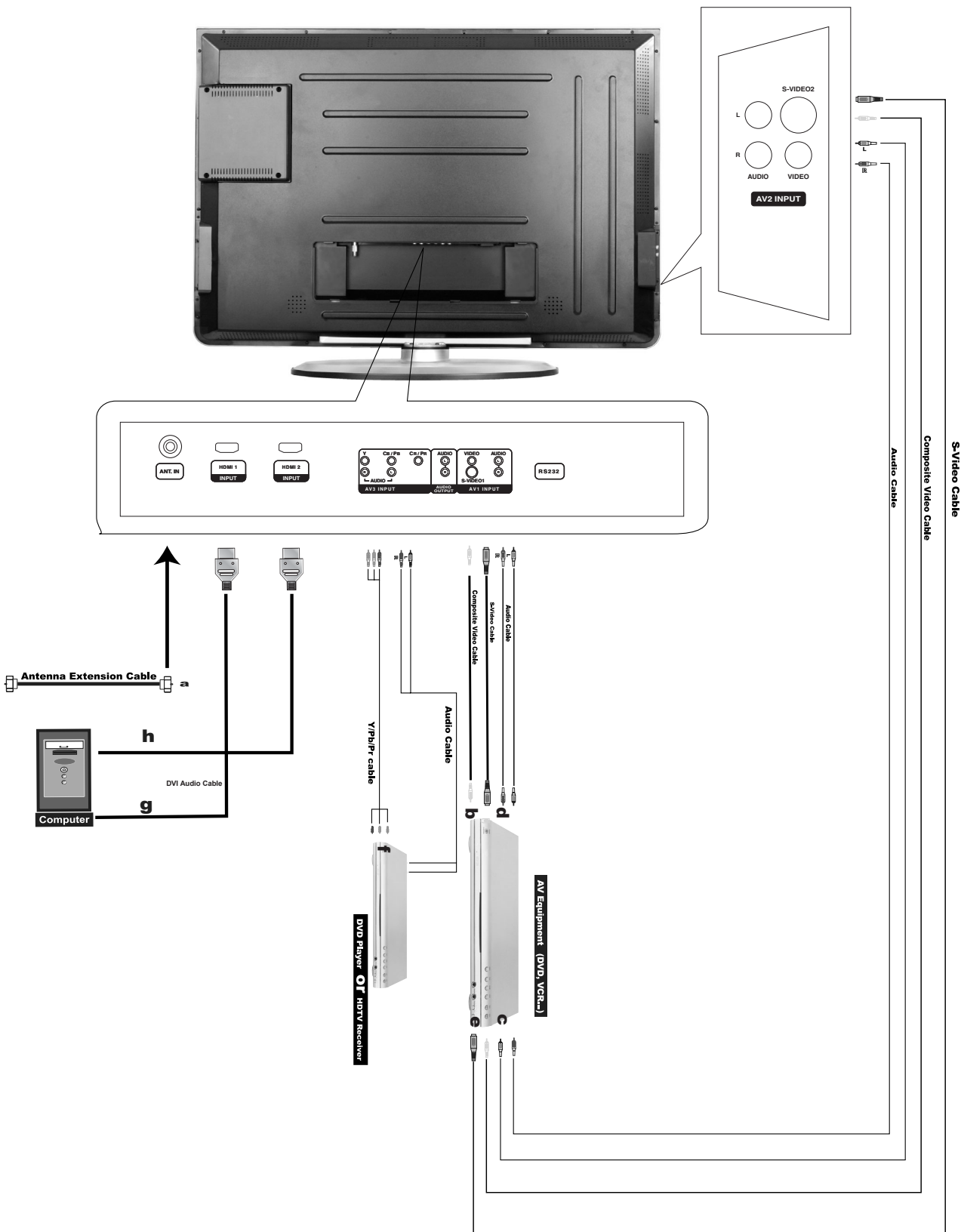
34) **VIDEO**: Use to select the input signal source among: Digital TV, Analog TV, Composite 1, Composite 2, S-Video1, S-Video2, Component, DVD/CARD, HDMI1 and HDMI2.

35) **TV/DVD**: Set the remote control between TV and DVD mode.

If the red light flashes when pressed, the buttons for TV operations work. If the green light flashes when pressed, the buttons for DVD operations work.

NOTE: If the remote control does not operate, press the “TV/DVD” button on the remote control and try again.

CONNECTIONS

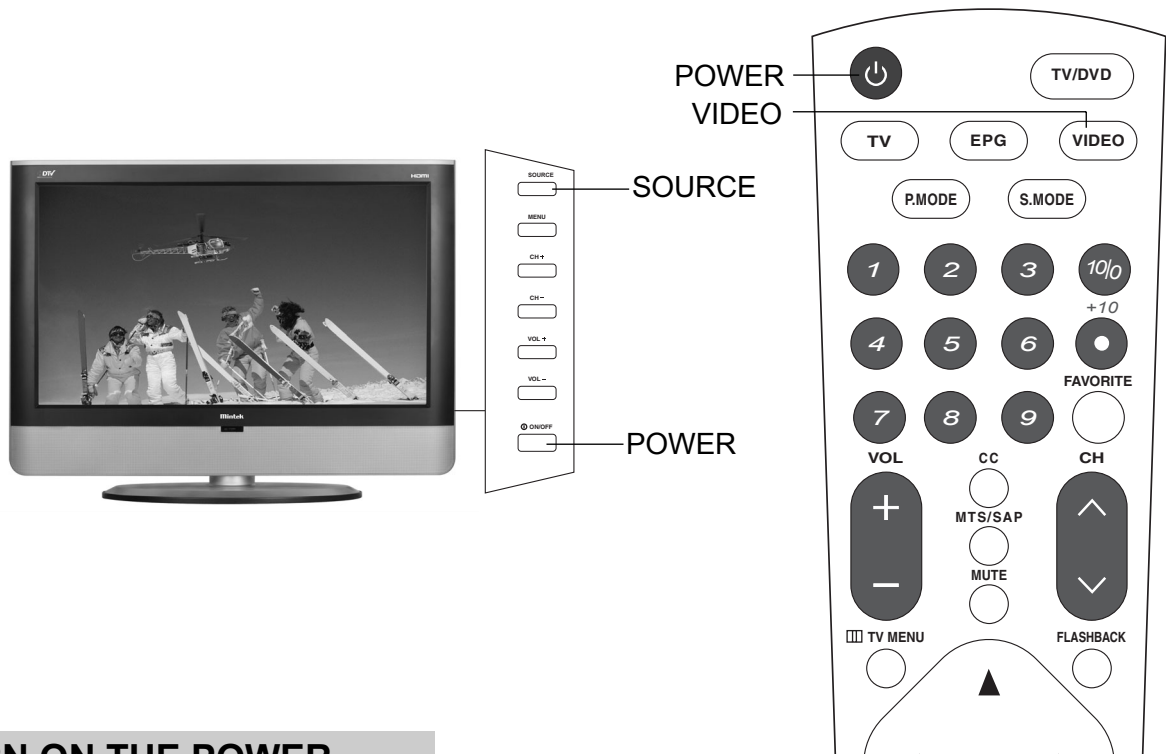


CONNECTIONS

SYSTEM CONNECTIONS

- a. Using the antenna input:** Connect the antenna terminal from an antenna or cable/satellite receiver to the antenna input terminal on the DTV-373-D; use the **VIDEO** button and the ▲ / ▼ buttons to set the DTV-373-D's signal source to "Digital TV" or "Analog TV".
- b. Using the RCA Video/Audio input on the back:** Connect compatible AV equipment to the DTV-373-D through the Composite Video and Audio input jacks on the back; use the **VIDEO** button and the ▲ / ▼ buttons to set the DTV-373-D's signal source to "Composite 1".
- c. Using the RCA Video/Audio input on the side:** Connect compatible AV equipment to the DTV-373-D through the Composite Video and Audio input jacks on the side; use the **VIDEO** button and the ▲ / ▼ buttons to set the DTV-373-D's signal source to "Composite 2".
- d. Using the S-Video1 and RCA Audio input on the back:** Connect AV equipment to the DTV-373-D through the S-Video and Audio input jacks on the back; use the **VIDEO** button and the ▲ / ▼ buttons to set the DTV-373-D's signal source to "S-Video1".
- e. Using the S-Video2 and RCA Audio input on the side:** Connect AV equipment to the DTV-373-D through the S-Video and Audio input jacks on the side; use the **VIDEO** button and the ▲ / ▼ buttons to set the DTV-373-D's signal source to "S-Video2".
- f. Using the Component input:** The Component input may be used for Progressive scan or HDTV inputs; use the **VIDEO** button and the ▲ / ▼ buttons to set the DTV-373-D's signal source to "Component".
- g. Using the HDMI1 connector:** Connect a PC computer to the DTV-373-D through the HDMI socket on DTV-373-D. Use the **VIDEO** button and the ▲ / ▼ buttons to set the DTV-373-D's signal source to "HDMI1".
- h. Using the HDMI2 connector:** Connect a PC computer to the DTV-373-D through the HDMI socket on DTV-373-D. Use the **VIDEO** button and the ▲ / ▼ buttons to set the DTV-373-D's signal source to "HDMI2".

BASIC OPERATIONS



TURN ON THE POWER

1. Press **POWER** button on the front panel to turn on the TV set. The POWER indicator lights up green.
2. If the STANDBY indicator still lights up red, press **POWER** on the remote control to turn the TV set on.

TURN OFF THE POWER

1. Press **POWER** on the remote control, the image on the screen disappears and the STANDBY indicator lights up red.

NOTE: Small amounts of electric power is still consumed even when the power is turned off.

SIGNAL INPUT SELECTION

By pressing the **VIDEO** button on the remote control and confirming by the **OK** button, you can change the mode as follows:

Digital TV → Analog TV → Composite 1 → Composite 2 → S-Video1 → S-Video2 → Component
HDMI2 ← HDMI1 ← DVD/CARD ←

WATCHING TV

TURN ON THE POWER

1. Press **POWER** button on the front panel to turn on the TV set. The POWER indicator lights up green.
2. If the STANDBY indicator still lights up red, press **POWER** on the remote control to turn the TV set on.

TURN OFF THE POWER

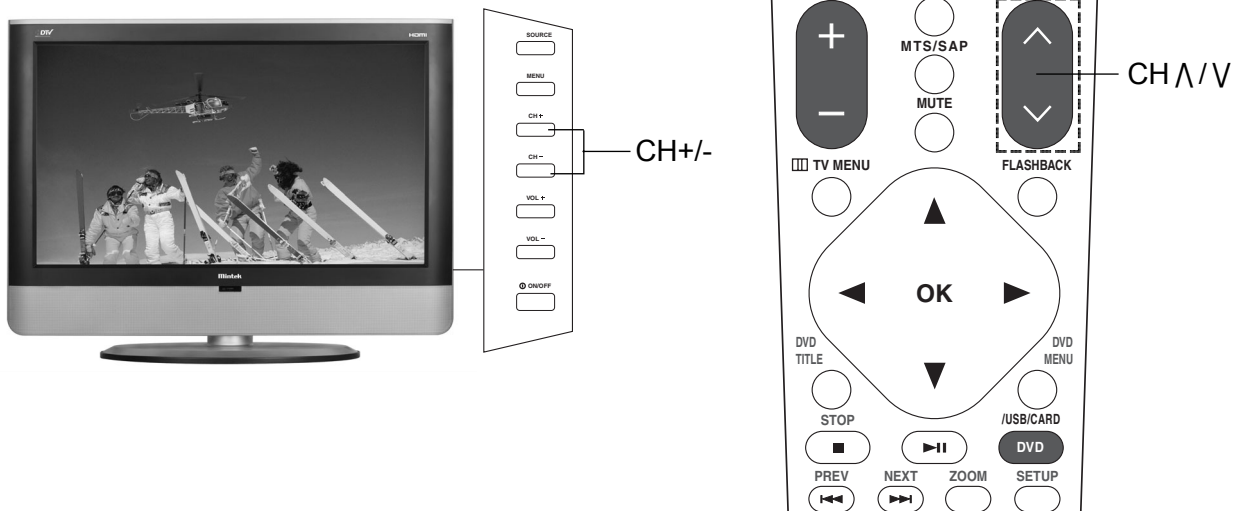
1. Press **POWER** on the remote control, the image on the screen disappears and the STANDBY indicator lights up red.

NOTE: Weak electric power is still consumed even when the power is turned off.

SIMPLE BUTTON OPERATIONS FOR CHANGING CHANNELS

You can change channels in several ways.

Using **CH \wedge /V** on the remote unit

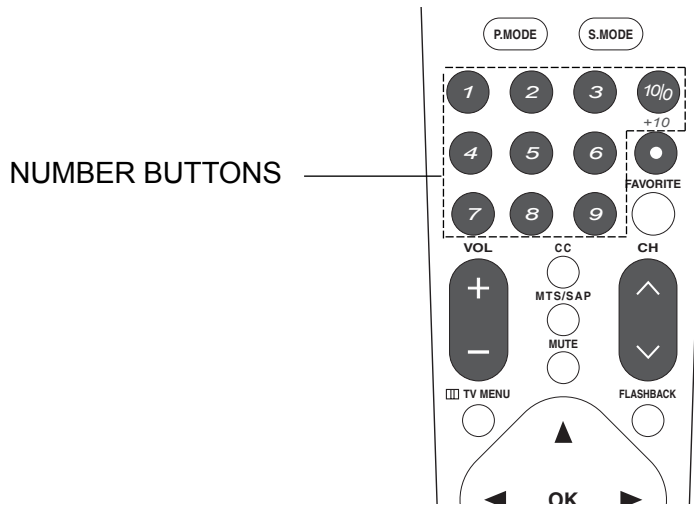


1. Press **CH \wedge** to increase channel number.
2. Press **CH \vee** to decrease channel number.

NOTE: **CH+/-** on the TV set operates the same as **CH \wedge /V** on the remote unit.

WATCHING TV

Using number buttons on the remote unit



Select the channels directly by pressing the number buttons.

EXAMPLE:

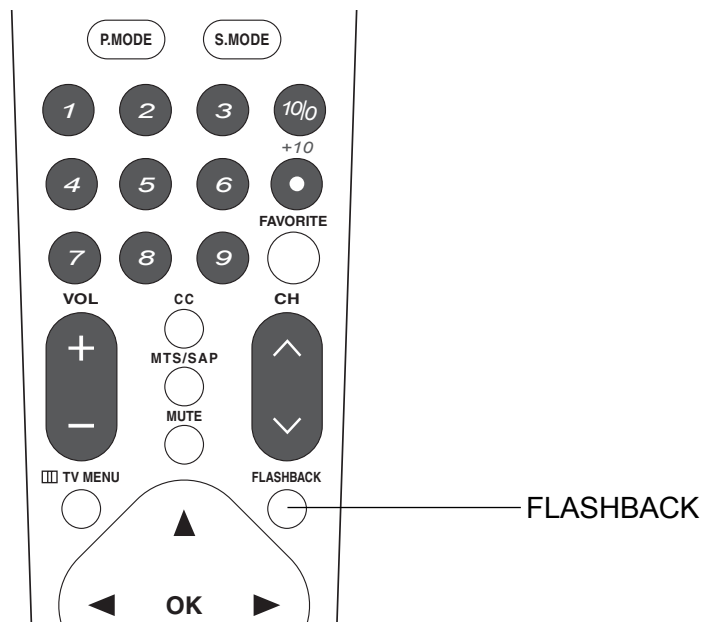
To select a 1-digit channel (e.g. channel 2):

- Press **2**.

To select a 2-digit channel (e.g. channel 12):

- Press **1**, followed by **2**.

USING FLASHBACK ON THE REMOTE UNIT



Press **FLASHBACK** to switch the currently tuned channel to the previous tuned channel.

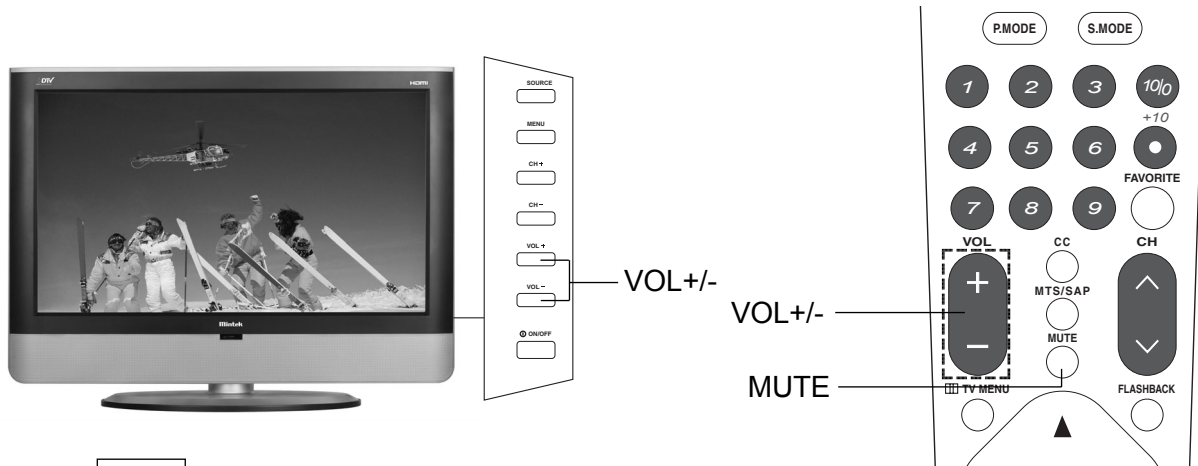
Press **FLASHBACK** again to switch back to the currently tuned channel.

WATCHING TV

SIMPLE BUTTON OPERATION FOR CHANGING VOLUME/SOUND

Changing the volume

You can change the volume by pressing **VOL +/-** button.



1. Press **VOL+** to increase the volume.
2. Press **VOL-** to decrease the volume.

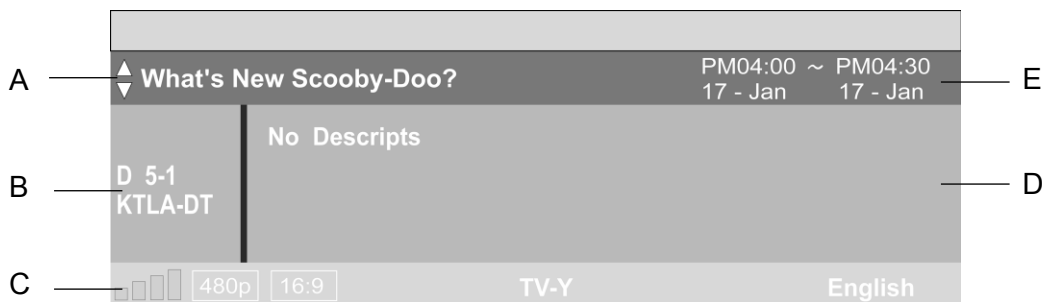
Using MUTE on the remote control

Press **MUTE** to mute the current sound output.

1. Press **MUTE** to remove the sound.
2. Press **MUTE** again to cancel the mute.

Electronic Program Guide

It has an Electronic Program Guide to help you find the shows you want to watch.



A Displays titles about upcoming programs of the currently channel selected.

B Displays which channel is currently selected.

C Other details about the selected digital programs.

D Displays the content for the selected digital programs.

E Displays the start and end times of the selected digital programs.

Note: The availability of details depends on the broadcaster.

When the TV program being played was forbidden to play for parental control, the EPG button is not available.

Using the EPG (Electronic Program Guide)

1. In Digital TV mode, select a channel you want to watch.
2. Press EPG button on the remote control, the screen will display the EPG menu.
3. Press **▲/▼** to preview the upcoming digital program.
4. Press EPG button repeatedly to exit from the EPG menu and return to the normal viewing mode.

WATCHING TV

Setting MTS/SAP stereo mode

The System has a feature that allows reception of sound other than the main audio for the program. This feature is called Multi-channel Television Sound (MTS). The System with MTS can receive mono sound, stereo sound and Secondary Audio Programs (SAP). The SAP feature allows a TV station to broadcast other information, which could be audio in another language or something completely different like weather information.

You can enjoy Hi-Fi stereo sound or SAP broadcasts where available.

- **Stereo broadcasts**

View programs like live sporting events, shows and concerts in dynamic stereo sound.

- **SAP broadcasts**

Receive TV broadcasts in either MAIN or SAP sound.

MAIN sound: The normal program soundtrack (either in mono or stereo).

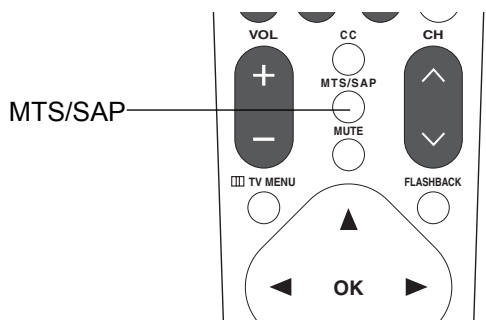
SAP sound: Listen to second language, supplementary commentary and other information. (SAP is mono sound.)

If stereo sound is difficult to hear.

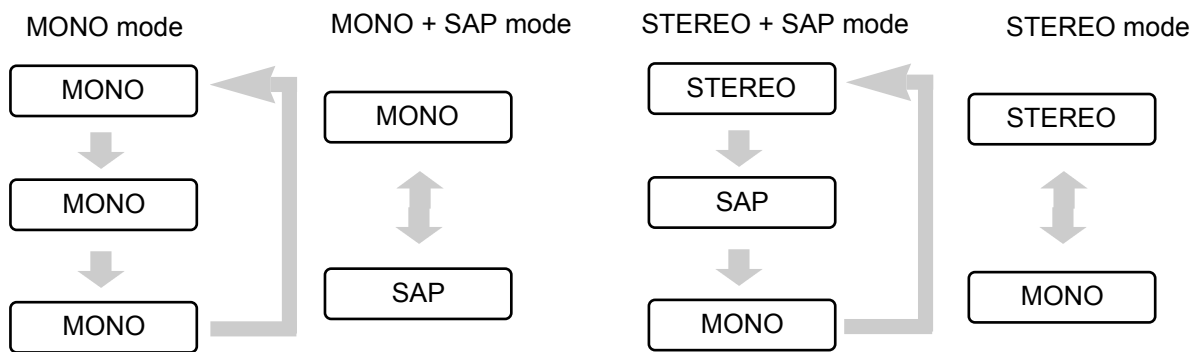
- Obtain a clearer sound by manually switching to fixed mono-sound mode.

Note

- Once “MONO” mode is selected, the sound remains mono even if the System receives a stereo broadcast. You must switch the mode back to “STEREO” if you want to hear stereo sound again.
- Selecting MTS while in the input mode does not change the type of sound. In this case, sound is determined by the video source.



Each time you press **MTS/SAP** , the screen toggles as shown below.



(The images display examples when receiving MTS and SAP.)

BASIC ADJUSTMENT SETTINGS

VIDEO MENU

You can get the satisfied picture by adjusting the following Video menu.

Press the **VIDEO** button to select various signal modes.

Press the **TV MENU** button to enter LCD menu.

Press **◀/▶** to select "VIDEO MENU", and then press **OK** or **▼** to enter "Video" menu.



Brightness

1. Press **▲/▼** to select "Brightness" in "Video" menu.
2. Press **OK** to enter the Brightness menu.
3. Press **◀/▶** to adjust the brightness; press **OK** to return to the "Video" menu.
4. Press **TV MENU** to exit.

Contrast

1. Press **▲/▼** to select "Contrast" in "Video" menu.
2. Press **OK** to enter the Contrast menu.
3. Press **◀/▶** to adjust the contrast; press **OK** to return to the "Video" menu.
4. Press **TV MENU** to exit.

Saturation

1. Press **▲/▼** to select "Saturation" in "Video" menu.
2. Press **OK** to enter the Saturation menu.
3. Press **◀/▶** to adjust the saturation; press **OK** to return to the "Video" menu.
4. Press **TV MENU** to exit.

Hue

1. Press **▲/▼** to select "Hue" in "Video" menu.
2. Press **OK** to enter the Hue menu.
3. Press **◀/▶** to adjust the hue; press **OK** to return to the "Video" menu.
4. Press **TV MENU** to exit.

BASIC ADJUSTMENT SETTINGS

VIDEO MENU(CONTINUED)

Temperature Mode

1. Press ▲ / ▼ to select "Temperature Mode" in "Video" menu.
2. Press ◀ / ▶ to select a Temperature Mode among: Cool, Normal, Warm, and User. When "User" is selected, the screen shows:



3. Press ▲ / ▼ to select "Temperature (R)", "Temperature (G)", "Temperature (B)", and press ◀ / ▶ to adjust.
4. Press **TV MENU** to exit.

BASIC ADJUSTMENT SETTINGS

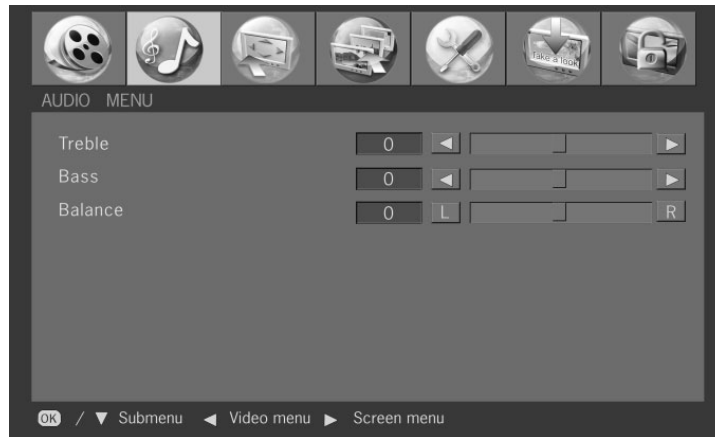
AUDIO MENU

Adjust the quality of the sound through the following Audio menu.

Press the **VIDEO** button to select various signal modes.

Press the **TV MENU** button to enter LCD menu.

Press **◀/▶** to select "AUDIO MENU", and then press **OK** or **▼** to enter "Audio" menu.



Treble

1. Press **▲/▼** to select "Treble" in "Audio" menu.
2. Press **◀/▶** to adjust the treble.
3. Press **TV MENU** to exit.

Bass

1. Press **▲/▼** to select "Bass" in "Audio" menu.
2. Press **◀/▶** to adjust the bass.
3. Press **TV MENU** to exit.

Balance

1. Press **▲/▼** to select "Balance" in "Audio" menu.
2. Press **◀/▶** to adjust the balance.
3. Press **TV MENU** to exit.

Multi Channel Sound (only in Analog TV mode)

1. Press **▲/▼** to select "Multi Channel Sound" in "Audio" menu.
2. Press **◀/▶** to select a Multi Channel Sound.
3. Press **TV MENU** to exit.

BASIC ADJUSTMENT SETTINGS

SCREEN MENU

Use to adjust display mode of the playback picture.

Press the **VIDEO** button to select various signal modes.

Press the **TV MENU** button to enter LCD menu.

Press **◀/▶** to select "SCREEN MENU", and then press **OK** or **▼** to enter "Screen" menu.



Horizontal Position

1. Press **▲/▼** to select "Horizontal Position" in "Screen" menu.
2. Press **OK** to enter the Horizontal Position menu.
3. Press **◀/▶** to adjust the horizontal position of the playback picture.
4. Press **OK** to return; press **TV MENU** to exit.

Vertical Position

1. Press **▲/▼** to select "Vertical Position" in "Screen" menu.
2. Press **OK** to enter the Vertical Position menu.
3. Press **◀/▶** to adjust the vertical position of the playback picture.
4. Press **OK** to return; press **TV MENU** to exit.

Position Reset

1. Press **▲/▼** to select "Position Reset" in "Screen" menu.
2. Press **OK** to activate the position reset, the value of horizontal position and vertical position return to the default.
3. Press **TV MENU** to exit.

BASIC ADJUSTMENT SETTINGS

CHANNEL MENU (ONLY DIGITAL TV & ANALOG TV MODE)

1. Press the **TV MENU** button to enter LCD menu.
2. Press **◀/▶** to select "CHANNEL MENU", and then press **OK** or **▼** to enter "Channel" menu.



Favorite Channel

1. Press **▲/▼** to select "Favorite Channel" in "Channel" menu.
2. Press **◀/▶** to select the favorite channel number in ANALOG and DIGITAL.
3. Press **OK** to put the current channel into favorite list.
4. Press **TV MENU** to exit.

Example:

1. In analog TV mode, it is need to select Favorite Mode Off by pressing **FAVORITE** button and then enter into the "channel menu" after searching all the TV program.
2. Press **OK** or **▼** to select "ANALOG" in "Favorite Channel". And the "ANALOG" displays the current channel, press **◀/▶** to select your favorite TV programs(i.e.A8).Then press **OK** to put the current channel (i.e.A8) into the favorite list. It will appear a list mark.
3. Exit the TV menu. And press **FAVORITE** button to select "Favorite Mode On".
4. Press **CH ▲/▼** to select your favorite TV programs in the favorite list.
5. Delete the favorite channel from the favorite list. Enter into the channel menu, select the favorite channel(i.e.8) stored in the favorite list by pressing **◀/▶** in ANALOG. Press **OK** to delete the favorite channel from the favorite list and the list mark will disappear.
Also you can press **CH ▲/▼** or number buttons to select the TV programs. Then enter into the channel menu to put the current TV channel into the favorite list.
In digital TV mode, the method to put the current digital channel into the favorite list same as that of in analog TV mode.

Channel Search

1. Press **▲/▼** to select "Channel Search" in "Channel" menu.
2. Press **◀/▶** to shift among: ANALOG, DIGITAL, and BOTH.
 - 1) ANALOG: Auto search only setup analog TV channels.
 - 2) DIGITAL: Auto search only setup digital TV channels.
 - 3) BOTH: Auto search setup both analog and digital TV channels.
3. Press **TV MENU** to exit.

BASIC ADJUSTMENT SETTINGS

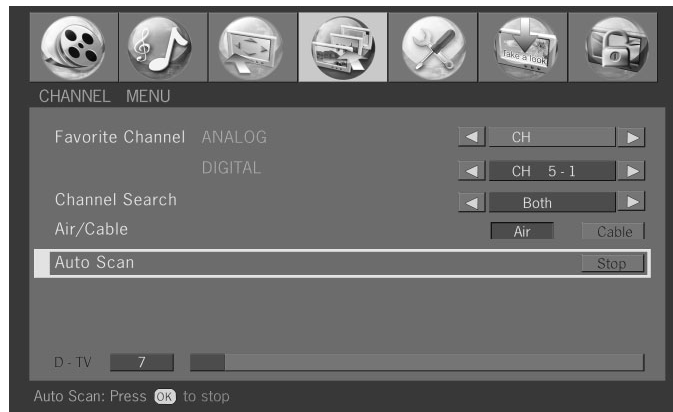
CHANNEL MENU (CONTINUED)

Air/Cable

1. Press ▲ / ▼ to select "Air/Cable" in "Channel" menu.
2. Press ◀ / ▶ to shift between Air and Cable.
3. Press **TV MENU** to exit.

Auto Scan

1. Press ▲ / ▼ to select "Auto Scan" in "Channel" menu.
2. Press **OK** to activate auto scan.



3. This unit will search and memorize all channels viewable automatically in your area.
4. The unit will skip to the first channel to play when the auto search ends.

Fine Tune

When the auto search ends or is stopped, the screen shows:



1. Press ▲ / ▼ to select "Fine Tune" in "Channel" menu.
2. Press **OK** to enter the "Fine Tune" menu.
3. Press ◀ / ▶ to adjust the current channel clearer as your desired.
4. Press **OK** to return; press **TV MENU** to exit.

NOTE: "Fine Tune" only works on Analog TV channels.

BASIC ADJUSTMENT SETTINGS

SETUP MENU

1. Press the **TV MENU** button to enter LCD menu.
2. Press **◀ / ▶** to select "SETUP MENU", and then press **OK** or **▼** to enter "Setup" menu.



Language

1. Press **▲ / ▼** to select "Language" in "Setup" menu.
2. Press **◀ / ▶** to select a language.
3. Press **TV MENU** to exit.

Sleep

1. Press **▲ / ▼** to select "Sleep" in "Setup" menu.
2. Press **◀ / ▶** to set the sleep time among: Off, 15Mins, 30Mins, 45Mins, 60Mins, 90Mins, and 120Mins.
3. Press **TV MENU** to exit.

Menu Transparency

1. Press **▲ / ▼** to select "Menu Transparency" in "Setup" menu.
2. Press **◀ / ▶** to adjust the menu transparency.
3. Press **TV MENU** to exit.

Menu Timeout

1. Press **▲ / ▼** to select "Menu Timeout" in "Setup" menu.
2. Press **◀ / ▶** to set the menu timeout among: Off, 10Seconds, 20Seconds, 30Seconds, 40Seconds, 50 Seconds, and 60Seconds.
3. Press **TV MENU** to exit.

Time Zone

1. Press **▲ / ▼** to select "Time Zone" in "Setup" menu.
2. Press **◀ / ▶** to select the time zone among: Central, Eastern, Atlantic, Hawaii, Alaska, Pacific, Mountain.
3. Press **TV MENU** to exit.

Default Setting

1. Press **▲ / ▼** to select "Default Setting" in "Setup" menu.
2. Press **OK** to restore the default setting, the value of video menu and audio menu return to the default.
3. Press **TV MENU** to exit.

BASIC ADJUSTMENT SETTINGS

CLOSED CAPTION MENU

Your system is equipped with an internal closed caption decoder; closed caption is the system that allows you to view conversations, narration, and sound effects in TV programs and home videos as subtitles on your display.

Only in Digital TV, Analog TV, Composite and S-Video mode, there is Closed Caption menu.

1. Press the **TV MENU** button to enter LCD menu.
2. Press **◀/▶** to select "CLOSED CAPTION MENU", and then press **OK** or **▼** to enter "Closed Caption" menu.



ANALOG CC

1. Press **▲ / ▼** to select "Analog CC" in "Closed Caption" menu.
2. Press **◀ / ▶** to select a closed caption among: OFF, CC1, CC2, TEXT1, and TEXT2.
3. Press **TV MENU** to exit.

DIGITAL CC

1. Press **▲ / ▼** to select "Digital CC" in "Closed Caption" menu.
2. Press **◀ / ▶** to select a closed caption among: OFF, CC1, CC2, CC3, CC4, CC5, and CC6.
3. Press **TV MENU** to exit.

Note: a. Only in Digital TV mode, digital CC is available.

- b. In digital TV mode, the "Analog CC" is preferential. If you want to view "Digital CC", only set "Analog CC" to "OFF" in CLOSED CAPTION MENU.

Caption

1. Press **▲ / ▼** to select "Caption" in "Closed Caption" menu.
2. Press **◀ / ▶** to select a closed caption mode among: Off, On, and On Mute.
3. Press **TV MENU** to exit.

Note: In ANALOG TV, Composite and S-Video mode, only Analog CC and Caption are available.

Caption Size

1. Press **▲ / ▼** to select "Caption Size" in "Closed Caption" menu.
2. Press **◀ / ▶** to select a closed caption size among: Standard, Large, and Small.
3. Press **TV MENU** to exit.

BASIC ADJUSTMENT SETTINGS

CLOSED CAPTION MENU (CONTINUED)

Font Style

1. Press ▲ / ▼ to select "Font Style" in "Closed Caption" menu.
2. Press ◀ / ▶ to select a font style among: Default, Style1, Style2, Style3, Style4, Style5, Style6 and Style7.
3. Press TV MENU to exit.

Foreground Color

1. Press ▲ / ▼ to select "Foreground Color" in "Closed Caption" menu.
2. Press ◀ / ▶ to select a foreground color among: Default, Black, Green, Blue, Red, Purple, Orange, and Yellow.
3. Press TV MENU to exit.

Background Color

1. Press ▲ / ▼ to select "Background Color" in "Closed Caption" menu.
2. Press ◀ / ▶ to select a background color among: Default, White, Green, Blue, Red, Purple, Orange, and Yellow.
3. Press TV MENU to exit.

Note: When Digital CC is off, Caption Size, Font Style, Foreground Color, Background Color is not selected.

BASIC ADJUSTMENT SETTINGS

PARENTAL MENU

Only in Digital TV, Analog TV, Composite and S-Video mode, there is Parental menu.

1. Press the **TV MENU** button to enter LCD menu.
2. Press **◀/▶** to select "PARENTAL MENU", and then press **OK** or **▼** to enter "Parental" menu.
The password menu displays.



3. Enter the password with number buttons, and press **OK** to confirm. (The factory password is 9999.)

After entering the password, the following screen will be displayed:



BASIC ADJUSTMENT SETTINGS

PARENTAL MENU (CONTINUED)

Change Password

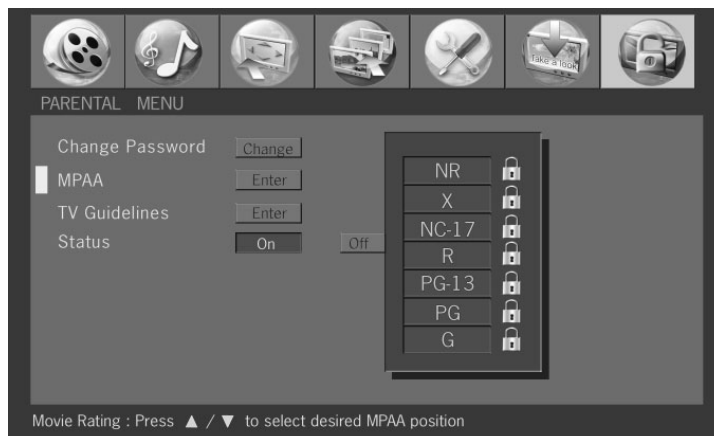
1. Press ▲ / ▼ to select "Change Password" in "Parental" menu.
2. Press **OK** to display the Change Password menu.



3. Enter your new password with numbers, then input it again and press **OK** to confirm.
4. Press **TV MENU** to exit.

MPAA (Movie Rating)

1. Press ▲ / ▼ to select "MPAA" in "Parental" menu.
2. Press **OK** to display the MPAA menu.



3. Press ▲ / ▼ to select desired MPAA position and press **OK** to confirm.
4. Press **TV MENU** to exit.

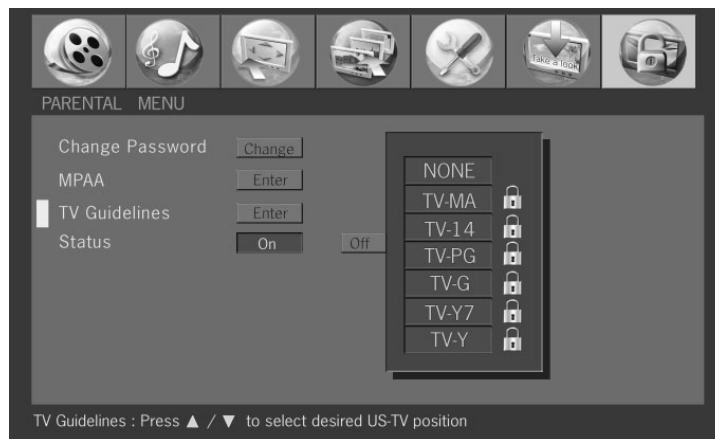
Note: If Status is not set to "ON", the configuration settings will not work.

BASIC ADJUSTMENT SETTINGS

PARENTAL MENU (CONTINUED)

TV Guidelines

1. Press ▲ / ▼ to select "TV Guidelines" in "Parental" menu.
2. Press **OK** to display the TV Guidelines menu.



3. Press ▲ / ▼ to select desired US-TV position and press **OK** to confirm.
When setting an individual content-based rating items, do as follows:
 - ① Press ► to access block content items from the currently selected age-based rating item.
 - ② Press ▲ / ▼ to select an individual item, and then press **OK** to confirm. Repeat the same step for other items.
 - ③ Press ◀ to return to the previous menu.
4. Press **TV MENU** to exit.

Note: If Status is not set to "ON", the configuration settings will not work.

Status

1. Press ▲ / ▼ to select "Status" in "Parental" menu.
2. Press ◀ / ▶ to select "On" or "Off" and press **OK** to confirm.
3. Press **TV MENU** to exit.

TROUBLESHOOTING

Please check the following items before asking for repair service.

| Symptom | Check Items |
|--|---|
| Neither picture nor sound. | <ul style="list-style-type: none"> - Check the contact of sockets is all right. - Check the TV main power is on. |
| Picture is OK, but no sound. | <ul style="list-style-type: none"> - Check the volume control is set to minimum or mute. |
| Sound is OK, but no color. | <ul style="list-style-type: none"> - Check the color control and adjust it properly. - Check the programme is in color or in black & white. |
| The picture is overlapped image. | <ul style="list-style-type: none"> -Check the antenna is installed correctly and if not, adjust the antenna toward the broadcasting station. |
| Picture has "snow noise ". | <ul style="list-style-type: none"> - Check the antenna or its connection is correct and if not, correct the antenna fault or connection cable fault. - Check if car traffic or neon sign disturbs the sound effect. |
| Stripes on picture. | <ul style="list-style-type: none"> - Check the susceptible interference by other electronic devices such as radio and television and keep magnetic or electronic devices away from the TV. |
| Bad stereo or SAP sound. | <ul style="list-style-type: none"> - Long distance from the station or other radio waves can generate bad sound. Reception. If so, change the mode to Mono. |
| Remote control does not work. | <ul style="list-style-type: none"> - Check if the batteries in the Remote control die. - Check if any object between IR sensor of the TV and the Remote control does not obstruct. |
| "No Signal" appears on the screen. | <ul style="list-style-type: none"> -Ensure that the signal cable is firmly connected to PC and TV. |
| Image is not centered. | <ul style="list-style-type: none"> - Adjust the Horizontal Position and Vertical Position. |
| Black screen with no image often happen. | <p>It is normal phenomenon. It will appear black screen phenomenon when the unit receive the encrypted digital cable TV signals. Because it is compatible for reception of unencrypted digital cable TV signals.</p> |

TECHNICAL SPECIFICATIONS

| | | |
|-------------------|--------------------------------------|---|
| LCD | PANEL | 37" WIDE LCD |
| | RESOLUTION | 1366 X 768 |
| | VIEWING ANGLE (H/V) | 176°/176° |
| | CONTRAST RATIO | 800:1 |
| | BRIGHTNESS (cd/m2) | 500 |
| | EFFECTIVE PIXEL RATE | MORE THAN 99.99% |
| DIMENSION | WITHOUT STAND | 947 X 665 X 99 mm (37.3 X 26.2 X 3.9 inch) |
| | WITH STAND | 947 X 724 X 300 mm (37.3 X 28.5 X 11.8 inch) |
| WEIGHT | WITHOUT STAND | 24.2Kg (53.36 lbs) |
| | WITH STAND | 29.7Kg (65.49 lbs) |
| TV-FUNCTION | TV STANDARD | NTSC/ATSC |
| | TUNING SYSTEM | ELECTRIC TUNING SYSTEM |
| | FREQUENCY RANGE | VHF/UHF |
| | CATV | 125 CHANNELS |
| | DIGITAL TERRESTRIAL BROADCAST (8VSB) | 2-69 CH |
| | DIGITAL CABLE(64/256QAM) | 1-125CH (Compatible For Reception Of Unencrypted Digital Cable TV Signals) |
| | ANALOG TERRESTRIAL | 2-69 CH |
| INPUT POWER | | AC100~240V, 50/60Hz |
| SOUND OUTPUT | | 8W + 8W |
| POWER CONSUMPTION | | 200W |
| TERMINALS | AV IN | VIDEO, S-VIDEO, AUDIO L&R |
| | COMPONENT | Y, Pb (Cb), Pr (Cr) |
| | MONITOR OUT | AUDIO OUT |
| | HDMI IN | HDMI CONNECTOR |
| | ANTENNA IN | F-TYPE |

This manual is only for your reference, any change to the design and specifications will not be advised.

BASIC OPERATIONS (FOR DVD PLAYER)

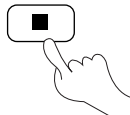
Play Discs



1. Press **POWER** to turn on the unit.
2. Press the **DVD** button on the remote control to enter DVD status.
3. Insert a disc into the disc slot, with the label side facing to yourself.
4. The unit begins to read the disc.
5. Press **▶** (PLAY) to play the disc.

AFTER STEP 4 IS FINISHED:

- If playing a DVD, the TV screen shows DVD menu or title menu.
 - If playing a CD, press **▶** (PLAY), and the unit plays the disc according to the track numbers.
5. Stop playback.
Press **■**.

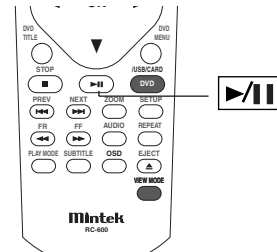


- You have to push "■" button twice to stop playback of a DVD disc.

Pause

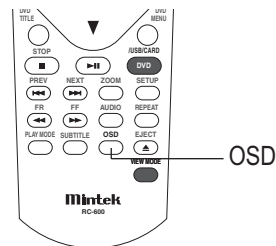


Press **▶/||**



- Press **▶/||** to pause the playback.
- Press **▶/||** again to resume the playback.

OSD



The On-Screen Display (OSD) contains many playback features. To see the Display, press the **OSD** button on the remote while a disc is playing. The Display appears across the top of the screen. Each feature is illustrated with an icon. Use the **◀** or **▶** buttons on the remote to move through the different icons in the Display. When an icon is highlighted, use the **▼** or **▲** buttons on the remote to scroll through the choices displayed in the text box under the icons.

BASIC OPERATIONS (FOR DVD PLAYER)

Remember, you can only access the Display when you're playing a disc. Also, the Display features are only available if the disc was created with that particular feature (i.e., if you select the Subtitle icon, you won't be able to change the subtitle language unless the author of the disc created the disc with subtitles).

The invalid symbol "⊗" appears on the screen when you press a button that doesn't have any function. If one of the icons is "grayed out", that Display feature isn't available for the disc you're playing. To make the Display disappear from the screen, press **OSD** on the remote.

DVD

DVD discs have the following playback features: Title, Chapter, Audio, Subtitle, Angle and Repeat.

■ Select a Title

Some discs contain more than one title. For example, there might be four movies on one disc (each movie might be considered a title).

Each title is divided into chapters. To select a title:

1. While the disc is playing, press **OSD** on the remote to bring up the Display.
2. If the Title icon on the Display isn't highlighted, use the ◀ or ▶ buttons to highlight it.
3. Press the ▲ or ▼ buttons to go to the previous or next title.

Note: Some discs only have one title.

■ Select a Chapter

Because DVD discs use digital technology, a title can be divided into individual chapters (similar to tracks on a CD).

You can skip to a specific chapter by using the Chapter feature in the Display.

1. While the disc is playing, press **OSD** on the remote to bring up the Display.

2. Press the ◀ or ▶ buttons to highlight the Chapter icon.
3. Press the ▲ or ▼ buttons to go to the previous or next chapter.

Notes: The chapter feature won't work if the disc isn't formatted with separate chapters.

You can also advance to the next chapter by pressing ▶▶ on the remote and go to the preceding chapter by pressing ◀◀ on the remote.

■ Changing the Audio Language

If the disc was created with different language tracks (recorded in different languages), you can use the Display to temporarily change the DVD player's Audio Language setting.

1. While the disc is playing, press **OSD** on the remote to bring up the Display.
2. Press the ◀ or ▶ buttons to highlight the Audio icon. The current audio language appears in the text box below the row of icons.
3. Press the ▲ or ▼ buttons to scroll through the audio languages that are available on the disc until the audio language you want to use appears in the text box. Audio will be played in that language.
4. To make the Display disappear, press the **OSD** button on the remote.

Note: The language feature only works if the disc was created with multiple audio tracks. When you choose an audio language from the Display, you only override the audio language setting in the DVD player's main menu temporarily.

The audio language can also be changed through the DVD player menu.

■ Selecting the Subtitle Language

If the disc was created with subtitles, you can use the Display to change the Subtitle language.

BASIC OPERATIONS (FOR DVD PLAYER)

1. When the disc is playing, press **[OSD]** on the remote to bring up the Display.
2. Press the ◀ or ▶ buttons to highlight the Subtitle icon.
3. Press the ▲ or ▼ buttons to scroll through the subtitle languages that are available on the disc until the subtitle language you want to use appears in the text box. The subtitles will be shown in that language.
4. To make the Display disappear, press the **[OSD]** button on the remote.

Notes: Changing the subtitle language with the Display will only affect the disc currently being played. When the disc is removed or the player is turned off, the subtitle language will revert to the language setting specified through the DVD player main menu.

The subtitle language can also be changed through the DVD player menu.

■ Changing the Camera Angle

Some discs contain multiple angles of a particular scene or sequence. If the disc only has one angle, this feature won't work. When multiple angles are available, to change the camera angle:

1. When a disc is playing, press **[OSD]** on the remote to bring up the Display.
2. The Angle icon will display the number of angles available. For example, if there are 3 different angles, the icon will read 1 of 3. This means angle 1 is currently being played.
3. Press the ▲ or ▼ buttons to scroll through the angle choices. The angle number displayed in the text window is automatically shown.
4. To make the Display disappear, press the **[OSD]** button on the remote.

■ Using the Repeat Feature

The default mode for the Repeat feature is off. There are three Repeat options:

- All - repeats the disc that is playing
- Title - repeats the title that is playing
- Chapter - repeats the chapter that is playing

To Use Repeat:

1. While a disc is playing, press **[OSD]** on the remote to bring up the Display.
2. Highlight the Repeat icon.
3. Press the ▲ or ▼ buttons to scroll through the Repeat options until the Repeat option you want is displayed in the text box.
4. The selected repeat option will loop repeatedly until you turn Repeat off.

How to Cancel Repeat:

There are three ways to cancel Repeat:

- Press STOP twice.
- Go to Repeat icon in the Display and select Off.
- Eject the disc.

CD

CD discs have the following playback features: Track, L/R, and Repeat.

■ Select a Specific Track

1. While the disc is playing, press **[OSD]** on the remote to bring up the Display.
2. Highlight the Track icon.
3. Press the ▲ or ▼ buttons to scroll through the track numbers.

■ Changing the Audio Channel Output

If you are playing a Stereo CD, you can change the channel output from the player.

1. Press **[OSD]** on the remote to bring up the Display.
2. Highlight the L/R icon on the Display.
3. The audio channel choices appear in the text box.
Press the ▲ or ▼ buttons to scroll through the choices: LEFT MONO, RIGHT MONO, MIXED MONO or STEREO. Whatever choice is displayed becomes the active choice.

■ Using the Repeat Feature

The default mode for the Repeat feature is off. There are two Repeat options for CDs:

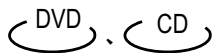
- All - repeats the disc that is playing
- Track - repeats the track that is playing

BASIC OPERATIONS (FOR DVD PLAYER)

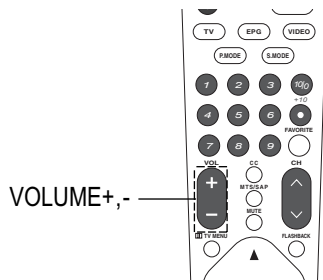
To Use Repeat:

1. While a disc is playing, press **OSD** on the remote to bring up the Display.
2. Highlight the Repeat icon.
3. Press the **▲** or **▼** buttons to scroll through the Repeat options until the Repeat option you want is displayed in the text box.
4. The selected repeat option will loop repeatedly until you turn Repeat off.

Volume Control



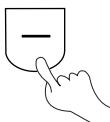
- Press **VOLUME** on the TV or amplifier to adjust the volume.
- Press **VOLUME** on the remote control.



1. Press **+** to raise the volume.

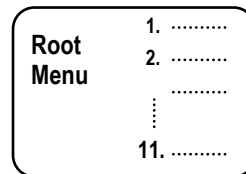


2. Press **-** to lower the volume.



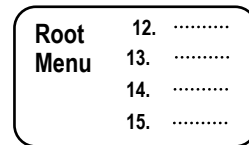
DVD Menu Play

Some DVDs have title menus and chapter menus. Press **▶** (PLAY), the screen shows the menu. Press **▶▶** or **◀◀** to skip to the next or previous page. Select with number buttons or direction buttons.

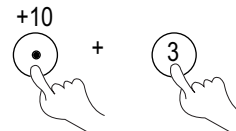


Example: select track 13.

1. Press **▶▶** to enter the next menu.

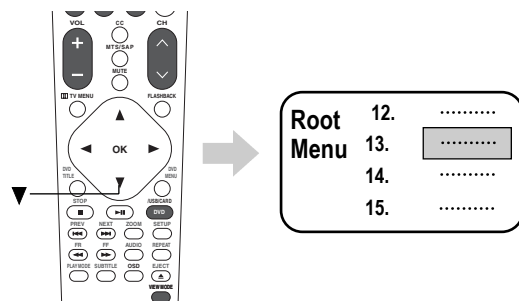


2. Press number buttons to select directly.



You can also select as follows:

1. Press **▼** to select track 13.



2. Press **▶** (PLAY) to start playing track 13.

Press **DVD TITLE** once to return to the title menu.

Press **DVD MENU** once to return to the root menu.

Select with Number Buttons

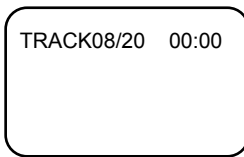


Load a disc. Press number buttons to select tracks after the unit finishes reading the disc.

1. If the track number isn't over 10, just push buttons 1-10.
Example: push **8** to select track 8.



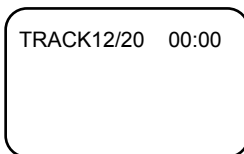
The screen shows:



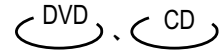
2. If the track number is over 10, press **+10** once and a button between 1-10.
Example: if you select track 12, press **+10** once and button **2**.



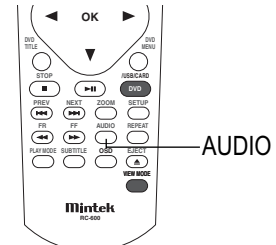
The screen shows:



Audio Mode

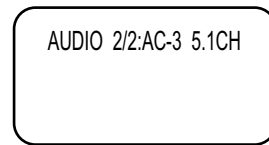
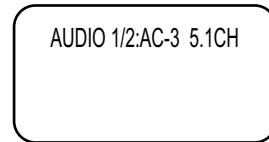


- You may select a language from a multi-language DVD.



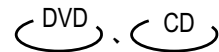
DVD

- To select a language, press **AUDIO**.
- The screen will show the following in order:



Different discs may differ in languages available.

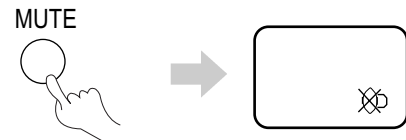
Mute



When playing a disc, this function removes the sound.

1. TO REMOVE SOUND

Press **MUTE**, the screen shows "⊗".



2. TO RESUME SOUND

Press **MUTE** again, to resume sound.

PLAY DISCS IN VARIOUS WAYS

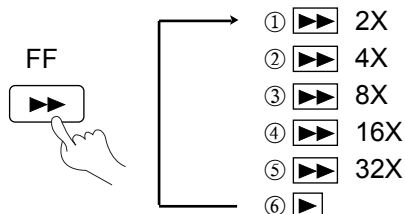
Fast Play



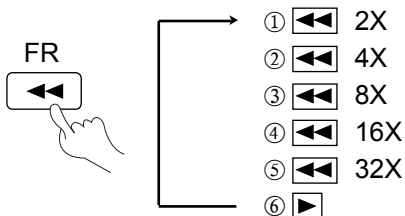
When playing a disc, you can play it in fast-forward or fast-reverse mode to find what you want to view.

DVD OR CD

1. While disc is playing, press ►► to play in fast-forward mode. Each time you press the button, the screen shows the following in order:

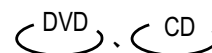


2. While disc is playing, press ◀◀ to play in fast-reverse mode. Each time you press the button, the screen shows the following in order:

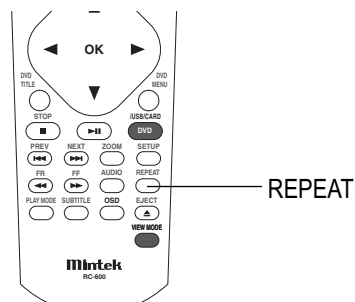


3. Press ► (PLAY) to switch to normal play while in fast-forward or fast-reverse playing mode.

Repeat Play



This function can be used to repeatedly play a title, chapter, track, or a whole disc.

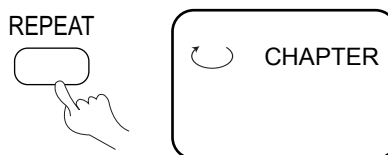


DVD

You can repeat a title or chapter.

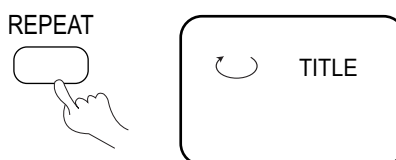
1. To repeat a chapter:

Press **REPEAT**, the screen will show:



2. To repeat a title:

Press **REPEAT** twice, the screen will show:



3. To repeat all:

Press **REPEAT** third time, the screen shows "◀ ALL".

4. To remove "REPEAT" function:

Press **REPEAT** until "◀ ALL" disappears.

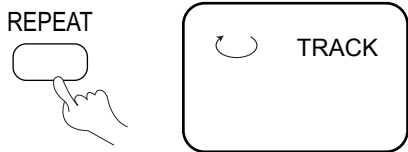
CD

• You may repeat a track or an entire disc according to the following steps.

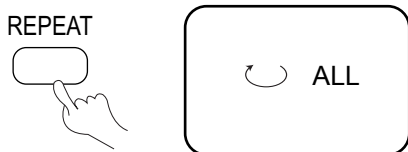
1. To repeat a track:

Press **REPEAT**, the screen shows "◀ TRACK". The unit plays the current track.

PLAY DISCS IN VARIOUS WAYS



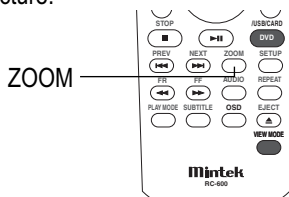
- To repeat a disc:
Press **REPEAT**, the screen shows " ALL".
The unit plays all the tracks on the disc.



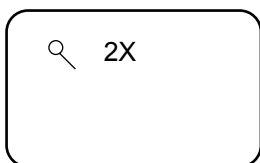
- To remove "REPEAT" function:
Press **REPEAT** till " ALL" disappears.

Zoom Play

This function can be used to watch a motion or motionless picture.

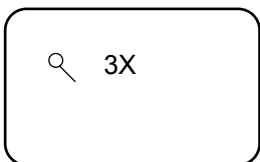


- Press **ZOOM** during playback, the screen shows:



The picture is enlarged twice the size.

- Press **ZOOM** again, the screen shows:



The picture is enlarged three times the size.

Note: The unit has six zoom levels:

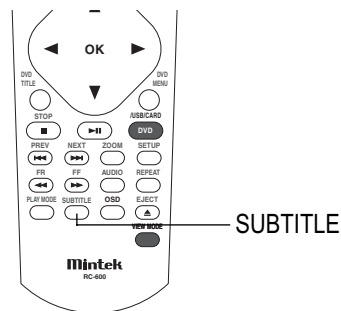
- 2X, 3X, 4X, 1/2 , 1/3 , and 1/4 .

- Press **◀**, **▲**, **▼**, **▶** to move the enlarged picture.
- To resume the picture, press **ZOOM** until the picture is in normal size.

Select Subtitles



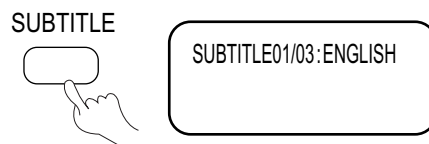
This operation works only with discs with multiple subtitle languages recorded.



DVD

- Press **SUBTITLE** repeatedly until the desired language is selected.

The screen shows:



- Remove the subtitle.

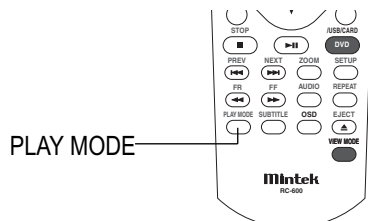
Press **SUBTITLE** until the screen shows "TURN OFF SUBTITLE".

Notes:

- For some discs, subtitles cannot be removed.
- Different discs differ in the language of subtitles.
- If the subtitles of discs cannot be selected, the screen shows " " when you press **SUBTITLE**.

PLAY DISCS IN VARIOUS WAYS

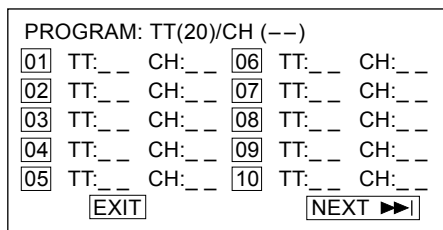
Program Play



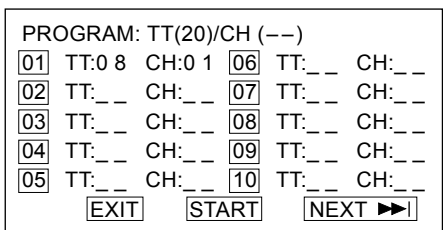
To use the program playback feature, you must enter the order in which you want the titles (and chapters) on the DVD or the tracks on the CD to play by creating a program.

DVD

1. Press **PLAY MODE** until the screen shows:



2. Use the number buttons on the remote to enter the title (and chapter) you want to play first. The title (and chapter) number you entered appears in the box. For example: Enter Chapter 1 in Title 8, the screen shows:



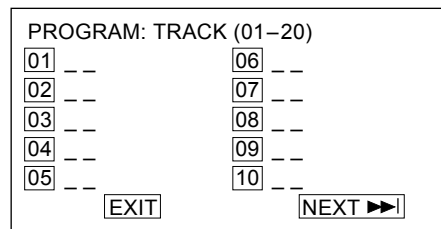
- The cursor jumps to the next spot in the program list section. Make sure the box is highlighted and enter your next track.
- Continue adding title (and chapter) until your program is complete. You can play your program by highlighting **START** and press **PLAY**.

Note: If you want to program more than 10 titles (and chapters), highlight **NEXT** and press **PLAY** to go to the next page. Proceed to program 11-20 in the same way titles 1-10 were programmed.

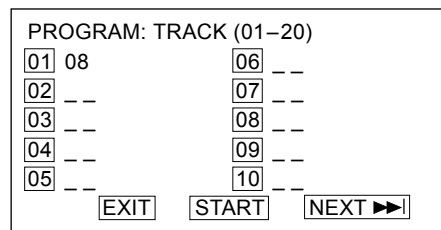
5. To remove program playback, press the **STOP** button twice during the program play.

CD

1. Press **P.MODE** until the screen shows:



2. Use the number buttons on the remote to enter the track number you want to play first. The track number entered appears in the box. The example: To program track 8 of a CD to play first, enter 8, and the screen shows:



- The cursor jumps to the next spot in the program list section. Make sure the box is highlighted and enter your next track.
- Continue adding tracks until your program is complete. You can play your program by highlighting **START** and press **PLAY**.

Note: If you want to program more than 10 tracks, highlight **NEXT** and press **PLAY** to go to next page. Program 11-20 in the same way 1-10 were programmed.

5. To remove program playback, press the **STOP** button during the program play.

PLAY DISCS IN VARIOUS WAYS

Shuffle (Random) Play

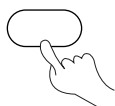


The unit can play DVD chapters or audio tracks in random order.

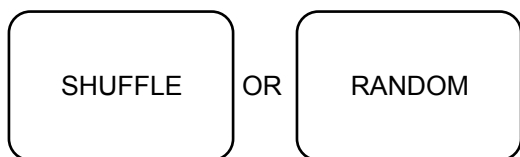
The order is different each time.

1. Press **PLAY MODE** to select shuffle or random play mode when a disc is playing.

PLAY MODE



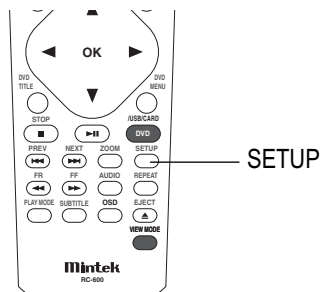
The screen shows:



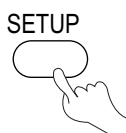
2. Shuffle or random play will begin.
3. Remove shuffle or random play.
 - When playing a DVD disc, press **■** twice.
 - When playing a CD disc, press **■** twice.

MENU SETTING

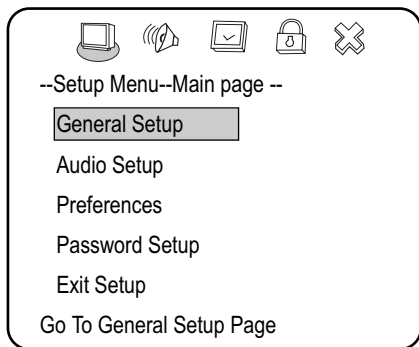
According to the recorded information and external equipment, set the following functions for the player to obtain the best playing status.



1. Press **SETUP** to set options in the main menu.



The main menu appears on the screen, with icons across the top of the screen, illustrating General Setup, Audio Setup, Preference, Password Setup, and Exit Setup. The screen shows:

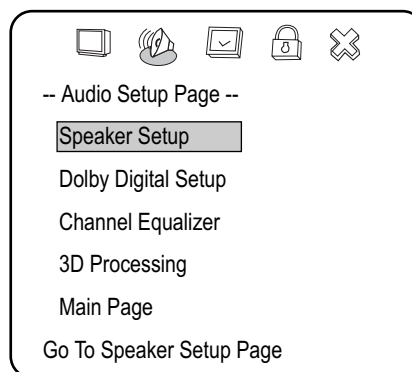


2. Press direction buttons (▼ or ▲) to select and press ► (PLAY) to confirm.

Example: Select "Audio Setup" and do some setup.

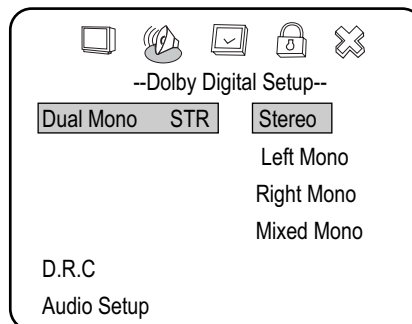
- Press direction button ▼ to highlight "Audio Setup", press ► (PLAY) to enter "Audio Setup Page".

The screen shows:



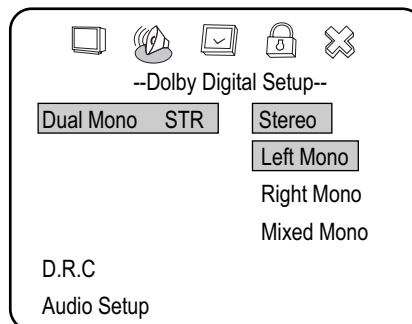
- Press direction buttons (▼ or ▲) to highlight "Dolby Digital Setup", and press ► (PLAY) to enter "Dolby Digital Setup" Page. The screen shows the submenu for your selection.

The screen shows:



- Press direction buttons ►, ▼ to select "Left Mono".

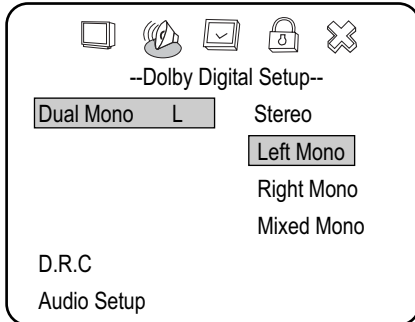
The screen shows:



MENU SETTING

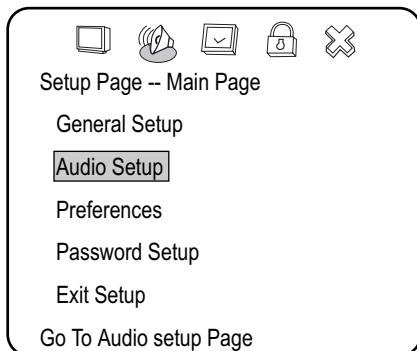
- Press ► (PLAY) to confirm your selection. Set "Dual Mono" in "Dolby Digital Setup" to "Left Mono".

The screen shows:



3. Exit setup menu.

- Press the direction button ◀ to exit from "Dual Mono".
- Press the direction button ◀ to exit from "Dolby Digital Setup".
- Press the direction button ▼ to highlight "Main Page" and press ► (PLAY). The screen shows:

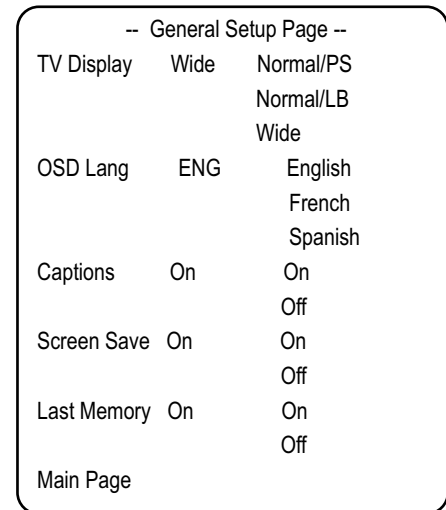


- Press the direction button ▼ to highlight "Exit Setup" and press ► (PLAY) to exit setup menu completely.

NOTE: You can also keep pressing the direction button ◀ until the cursor is moved to the last icon illustrating Exit, then press the ► (PLAY) button to exit setup menu completely.

General Setup

The setting structure is :

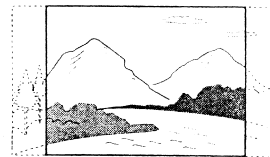


TV DISPLAY

1. NORMAL/PS

This is selected when the unit is connected to a normal TV.

Wide-screen images are shown on the screen, but with some parts cut automatically.



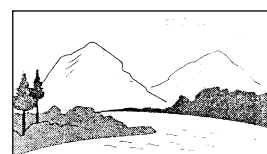
2. NORMAL/LB

This is selected when the unit is connected to a normal TV. Wide-screen images are shown on the screen with black bars on the top and bottom of the screen.



3. WIDE

This is selected when the unit is connected to a wide-screen TV.



NOTE: You can use the **[WIDE]** button on the remote control to set TV display mode.

MENU SETTING

OSD LANGUAGE

- ENGLISH
The OSD is in English.
- FRENCH
The OSD is in French.
- SPANISH
The OSD is in Spanish.

CAPTIONS

- ON
Subtitles are shown.
- OFF
Subtitles are hidden.

SCREEN SAVER

The screen saver image appears when the unit stops or the image is frozen for a few minutes. The screen saver prevents damage to the TV screen.

- ON: Start the screen saver.
- OFF: Remove the screen saver.

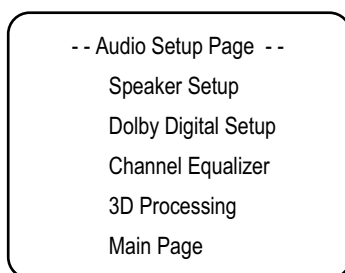
LAST MEMORY

The unit can memory the point of a disc where the power is off and play from the point when you turn on the unit again.

- ON: This function is on and works.
- OFF: This function is off and does not work.

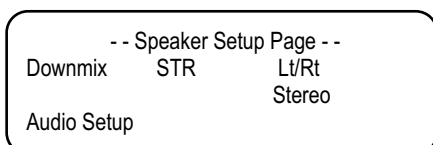
Audio Setup

The setting structure is:



SPEAKER SETUP

The setting structure is:



Lt/Rt

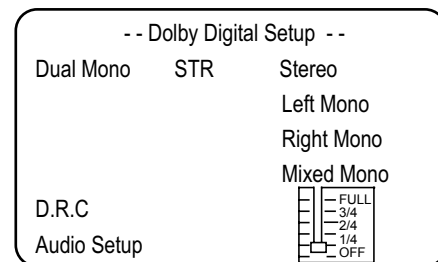
A disc recorded multi channel soundtrack, the output signal will be incorporated to left and right channel.

STEREO

A disc recorded multi channel soundtrack, the output signal will be incorporated to stereo.

DOLBY DIGITAL SETUP

The setting structure is:



DUAL MONO

This is the output mode of the L and R signals of the set audio output. If it is set to "MIXED MONO", the function only works when the DVD being played is 5.1-channel.

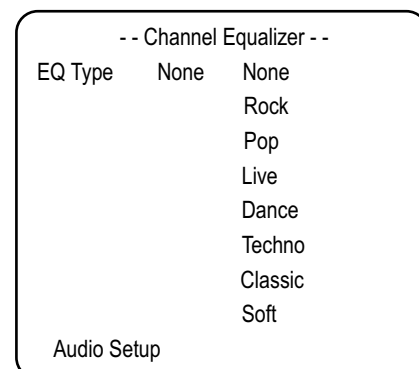
D.R.C

This is selected to adjust linear compression rate to obtain the different compression results of the signals.

EQUALIZER

This will help you to select graphic equalizer patterns according to the genre of the music being played, and adjust the equalizer.

The setting structure is:



EQ TYPE

You can select music category by pressing the direction buttons and confirm by pressing the **PLAY** button.

MENU SETTING

■ 3D PROCESSING

The setting structure is:

-- 3D Processing Page --

| | | | |
|-------------|-----|-----|-------------|
| V SURR | Off | On | |
| | | Off | |
| Reverb Mode | Off | Off | |
| | | | Concert |
| | | | Living Room |
| | | | Hall |
| | | | Bathroom |
| | | | Cave |
| | | | Arena |
| | | | Church |

Audio Setup

- V SURR

Use to turn the above function off.

- REVERB MODE

Use to select a Reverb Mode which you want.

Password Setup

The setting structure is :

-- Password Setup Page --

| | | | |
|-----------|-----|--------|--|
| PW Mode | Off | On | |
| | | Off | |
| Password | | Change | |
| Main Page | | | |

■ PASSWORD MODE

- ON: The password function is on and "PARENTAL" is dim and cannot be selected.
- OFF: The password is locked, "PARENTAL" can be selected.

■ PASSWORD CHANGE

Select this to adapt the code, the screen shows:

| | |
|-----------------------------------|----------------------|
| Old Password | <input type="text"/> |
| New Password | <input type="text"/> |
| Confirm PWD | <input type="text"/> |
| <input type="button" value="OK"/> | |

Enter a password according to the screen.

Note: The password is automatically factory set to 88888.

MENU SETTING

Preferences

The setting structure is :

| | | |
|-----------------------|-------|--|
| -- Preference Page -- | | |
| Audio | ENG | English French Spanish Chinese Japanese |
| Subtitle | ENG | English French Spanish Chinese Japanese Off |
| Disc Menu | ENG | English French Spanish Chinese Japanese |
| Parental | 08 | 1 KID 2 G 3 PG 4 PG 13 5 PGR 6 R 7 NC17 8 ADULT |
| Default | Reset | |
| Main Page | | |

■ LANGUAGE SELECTION

If a language mentioned above is recorded on the disc, you can select sound, subtitles or disc menu languages. If not, the language recorded on the disc is shown.

■ PARENTAL LOCK

When playing a disc with parental lock function, you may select an age control grade according to the rating your desire.

Example: If "PG" is selected, you cannot play DVD video discs rated higher than the PG grade.

■ DEFAULT >> RESET

Each function setting returns to the initial status in the factory if you select this option.

Note:

- "PREFERENCES" can only be selected when password is OFF when the unit is in stop mode.

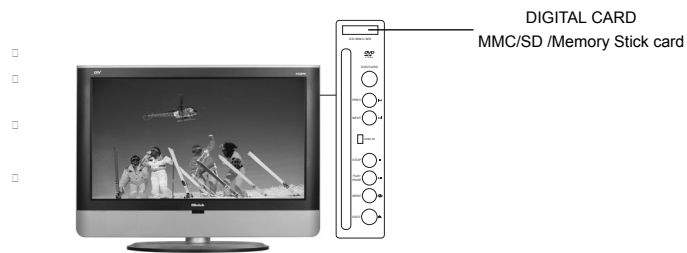
MEMORY CARD PLAY OPERATION

MEMORY CARD (MMC/SD /Memory Stick card) can memory MP3 songs and digital pictures .

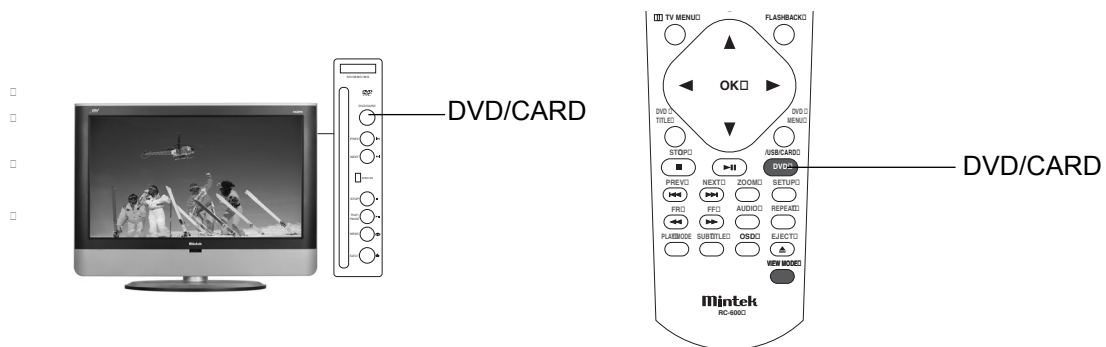
How to select MEMORY CARD to play

1. Turn on the power.
2. Insert MMC/SD/Memory Stick card to the "3 in 1 DIGITAL CARD" Slot.

NOTE: Insert the digital card with the label side downwards.

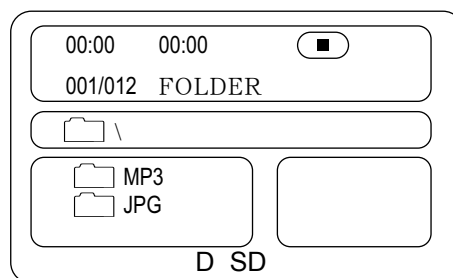


3. Press **VIDEO** to select " DVD/Card" mode .
4. Press" DVD/CARD" button on the remote control to switch : DVD /CARD.



How to play MEMORY CARD

1. In DVD mode , press "DVD/CARD" button on the remote control to switch. Example :



2. Press "DVD/CARD" button on the remote control to switch.
 - 1) If insert " Memory Stick " card to the "3 in 1DIGITAL CARD" slot , the screen displays " MS" when the unit was switched to " CARD " play .
 - 2) If insert " MMC " card,the screen display "MMC" ; if insert "SD" card , the screen displays " SD" when the unit was switched to "CARD " play .
3. The operation of MEMORY CARD are the same as " MP3" operation .

NOTE: According to the content of the MEMORY CARD the Display of the Image will way in Load Time.

TROUBLESHOOTING

If you experience the following problems while using the unit, this troubleshooting guide can help you.

No sound

- Check if the unit is connected securely.
- Make sure the TV or amplifier is working properly.
- Make sure the amplifier is set to receive DVD signal output.

No image

- Check if the unit is connected securely.
- Make sure the TV is working properly.
- Make sure the color system is set correctly.

Bad sound quality

- Make sure the audio output mode is set correctly.
- Make sure the audio connection between the unit and amplifier is in place.

Disc cannot be played

- There is no disc in the unit.
- Put the disc on the disc tray properly with the label side up.
- Clean the disc.
- Moisture has condensed in the unit. Remove the disc and leave the unit on for about an hour.

The unit doesn't operate normally

- Disconnect the power plug and insert it into the wall outlet again.

Remote control does not work

- Remove barriers between the remote control and the unit.
- Point the remote control at the remote control sensor of the unit.
- Replace the batteries with new ones.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

TECHNICAL SPECIFICATIONS

| | | |
|--------------------------|-----------------------------|---|
| Laser | Wavelength 650nm | |
| Video system | NTSC | |
| Frequency response | 20Hz ~ 20KHz \pm 2.5dB | |
| Signal/noise ratio | \geq 80dB | |
| Audio distortion + noise | \leq - 60dB (1KHz) | |
| Channel separation | \geq 80dB (1KHz) | |
| Dynamic range | \geq 80dB (1KHz) | |
| Output | Audio out (analog audio) | output level: $2V_{\substack{+0.2V \\ -0.5V}}$ Load impedance: 10K Ω |
| | Video out | output level: $1V_{p-p} \pm 20\%$ Load impedance: 75 Ω , imbalance, negative polarity |
| Power supply | AC100-240V, 50/60Hz | |
| Power Consumption | \leq 20W | |

This manual is only for your reference, any change to the design and specifications will not be advised.